

4 January, 2012

Marlene H. Dortch, Secretary  
Federal Communications Commission  
445 12<sup>th</sup> St. SW  
Washington, DC 20554

FILED/ACCEPTED

JAN 9 - 2012

Federal Communications Commission  
Office of the Secretary

Re: LightSquared Subsidiary, LLC  
Ex Parte Communication. IB Docket No. 11-109  
IBSF File No. SAT-MOD-20101118-00239

Ms. Dortch,

I am a licensed surveyor that uses Global Positioning Systems (GPS) equipment to perform my daily tasks of land surveying. I have been made aware of an issue that will develop if the new system proposed by LightSquared Subsidiary, LLC is built and put into effect. From what I understand, the proposed system would overrun the equipment that I use to perform my tasks of locating boundaries and all other survey related measurements with the GPS equipment. **I oppose the request that LightSquared has made** to build this new system. It may be an improvement in the phone system, but would be a disaster for the surveying and related industries. The subsequent issues with erroneous property boundaries and all sorts of other survey measurement issues would complicate the boundaries wherever new surveys are done in the future.

There has been some testing to see whether the proposed system would hurt the presently used GPS network. This testing shows that GPS accuracies would be compromised. There may be a time in the future that the proposed system could be modified to work alongside the GPS equipment and not be detrimental to surveying measurements. More testing needs to be done to make sure that the two systems could work together.

If LightSquared is allowed to build and put their new system into place the surveying accuracies would be extremely compromised. Without accurate surveys the property boundary issues which would develop would be phenomenal. This would affect all things related to boundaries and people holding the properties bounded by those surveyed lines. Please insist that, at the very least, there should be more testing done to make certain the GPS surveying quality will not be compromised.

Thank you for your consideration in this matter. I hope that you vote **against** their request.

Sincerely,

Paul A. Schepmann, PLS – KS #1269  
TranSystems  
2400 Pershing Road – Suite 400  
Kansas City, MO 64108

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**From:** myIBFS  
**Sent:** Thursday, January 05, 2012 12:56 PM  
**To:** Gerald Mays; Sarita Kale; Siva Appavu; Andrea Kelly; Stephen Duali; Kathryn Medley; CurTrisha Banks; Kathleen Campbell  
**Subject:** Pleadings and Comments Notification from MyIBFS

Type of Pleading: LETTER

Date filed: 01/05/2012

Filer Information:  
Paul A. Schepmann  
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Proceedings List

File Number	Callsign	Applicant
SATMOD2010111800239	S2358	LightSquared Subsidiary LLC